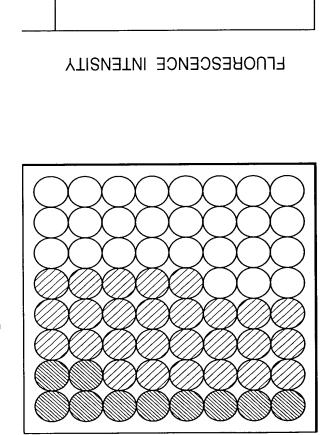
FIG. 1A

(WITH LINE SENSOR)

FIG. 1B



FULL MATCH OR ONE-BASE MISMATCH WITH NORMAL GENE



TWO-BASE MISMATCH WITH NORMAL GENE



THREE-BASE MISMATCH WITH NORMAL GENE

F1G. 2

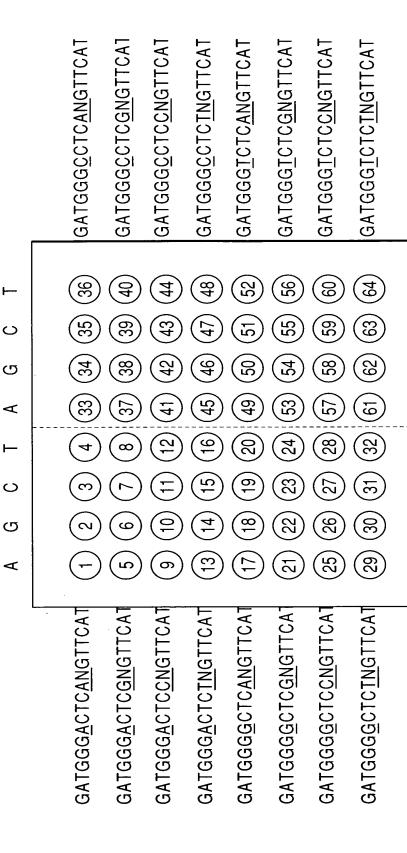


FIG. 3

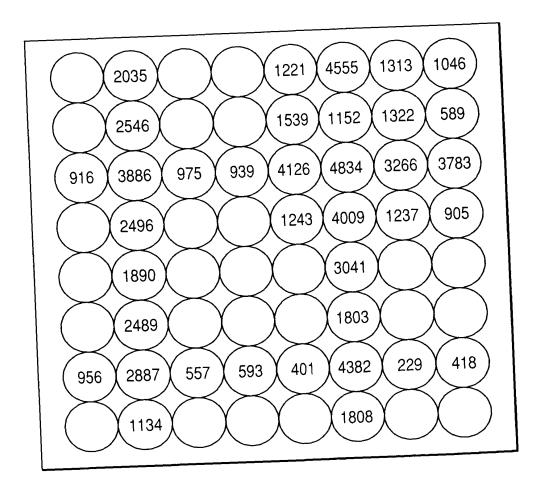


FIG. 4

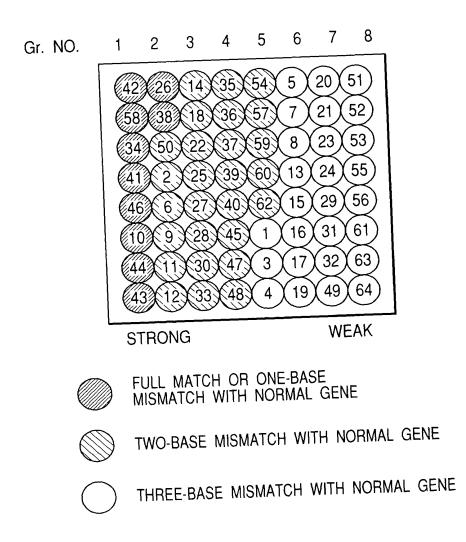


FIG. 5

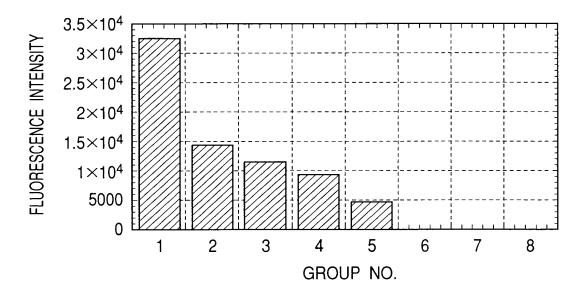
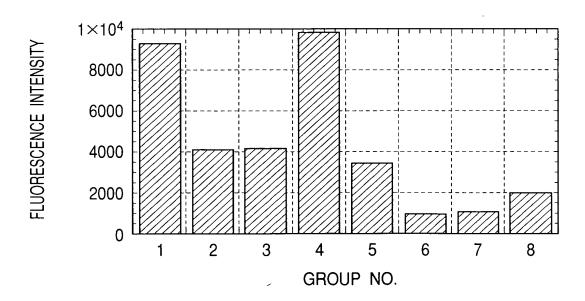


FIG. 6





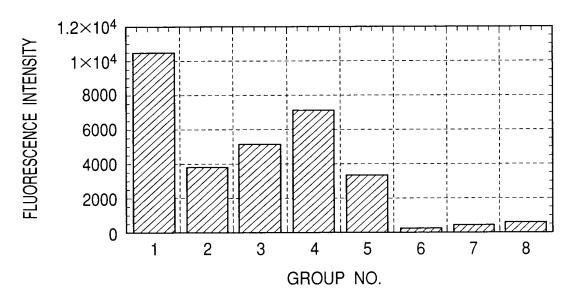


FIG. 8

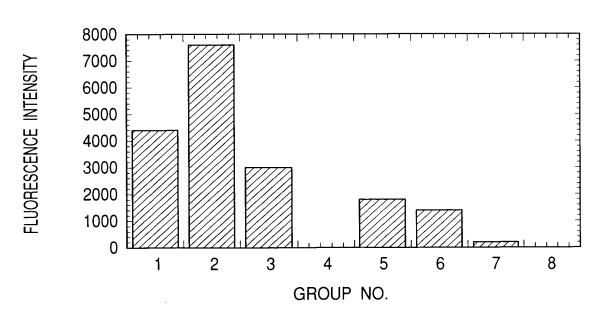
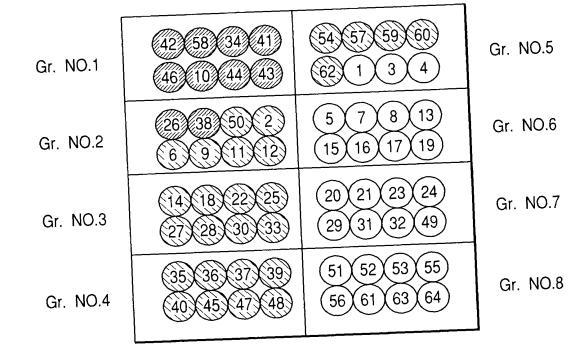
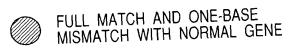


FIG. 9





- TWO-BASE MISMATCH WITH NORMAL GENE
- THREE-BASE MISMATCH WITH NORMAL GENE